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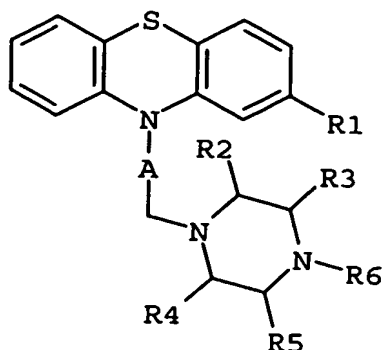
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(54) Title: USE OF PIPERAZINE PHENOTHIAZINE DERIVATIVES, OR A PHARMACEUTICALLY ACCEPTABLE SALT OR  
ESTER THEREOF, IN THE MANUFACTURE OF A MEDICAMENT WITH NEUROPROTECTOR AND/OR NEUROTROPHIC  
EFFECTS ON CNS AND/OR PNS



(I)

(57) Abstract: This invention relates to a new use of piper-  
azinephenothiazine derivatives and their pharmaceutically acceptable  
salts or esters in the manufacture of a medicament with neuroprotector  
and/or neurotrophic effects on CNS and/or PNS. The piperazine  
phenothiazine derivatives are selected from compounds of formula  
(I) wherein A represents a straight or branched alkylene chain of from  
2 to 6 carbon atoms separating the nitrogen atoms linked thereto by  
at least two carbon atoms ; R1 represents hydrogen, halogen, lower  
alkyl, lower alkoxy, lower alkanoyl, lower alkyl-mercapto, trifluo-  
romethylmercapto, lower alkyl-sulfonyl (preferably methylsulfonyl),  
perfluoroalkyl of 1 to 3 carbon atoms; R2, R3, R4 and R5 each  
represent methyl, ethyl or hydrogen, R6 represents hydrogen, lower  
alkyl, hydroxy-lower-alkyl or aliphatic acyloxy-lower-alkyl having  
1 to 4 carbon atoms in the acyloxy portion and 1 to 6 carbon atoms  
in the alkyl portion, CH<sub>2</sub>-CH<sub>2</sub>-O-R7 where R7 represents hydrogen,  
COR8 where R8 is a branched or straight chain alkyl radical of from seven to fourteen carbon atoms.



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